

Leading the Launch



*Delivering a payload of
responsive technologies*



Technology Deployment



HOME OF SCIENCE AND ENGINEERING SOLUTIONS

IDAHO NATIONAL ENGINEERING AND ENVIRONMENTAL LABORATORY



En-Vac Decontamination Robot

Problem

INEEL'S Landlord Operations needed to remove hazardous and radioactive paint from wall surfaces.

Baseline Technology

Hand-held scabbling devices.

Innovative Technology

The En-Vac Decontamination Robot adheres to wall surfaces using a high vacuum mobile base and decontaminates using an on-board grit blaster.

Comparison

This robot removed 1/8 inch of contaminated media and did not require worker contact. Hand-held scabblers only removed surface paint.

Benefits

This robot enabled the project to reduce worker exposure, reduce contamination spread, and accelerate schedule.